

Radio **AMATEUR** Call Book Magazine

\$1²⁵
Foreign
\$1³⁵



SPRING, 1941

A NEW RECTIFIER WITH A **LONGER LIFE!**

RCA
866-A/866

HALF-WAVE
MERCURY-VAPOR
RECTIFIER

\$150

Amateur Net

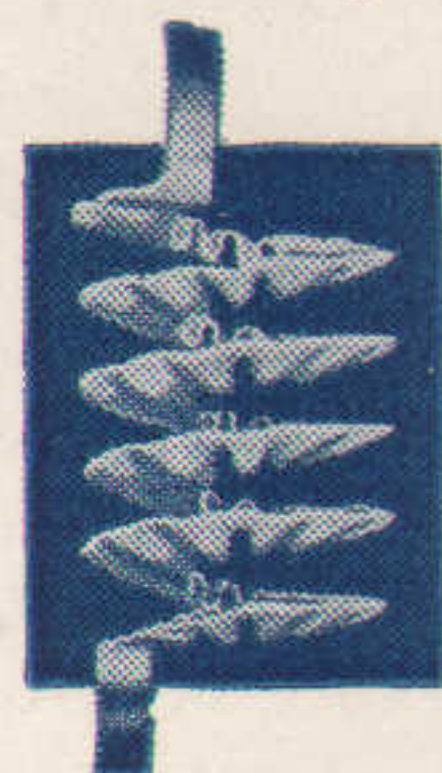


RCA engineering scores again! Not only does the new RCA-866-A/866 half-wave, mercury-vapor rectifier handle higher voltage at lower initial cost, but its truly great life means even greater value for your money. Once installed in your rig you can forget rectifier tube problems for a long, long time to come.

This new tube supersedes the 866 and 866-A and may be used in equipment designed for these types. An exclusive RCA development, it combines the ability of the 866 to conduct at relatively low plate voltage with that of the 866-A to withstand a high peak inverse voltage—and, in addition, gives you a *plus* performance that makes it far and away the greatest rectifier value RCA has ever offered.

Secret of the 866-A/866 is another top notch RCA engineering achievement—an edgewise-wound coated ribbon filament, illustrated at right, of great mechanical strength and providing more cathode area for the same filament power rating. This filament utilizes a new alloy material that not only has tremendous electron-emitting capabilities, but also holds the key to greater life. Important among other features of the tube is the special filament shield which makes practical the use of a very low starting voltage. A ceramic cap insulator and new dome-top bulb minimize danger from bulb cracks caused by corona discharge and resultant electrolysis.

Get more for your money! Make sure your new rectifiers are RCA-866-A/866's.



*Unique New
Filament
Design Used in
the 866-A/866*

RATINGS

Filament Voltage (A-C)	2.5 volts
Filament Current	5.0 amperes
Peak Inverse Voltage	Up to 150 cycles per second . 10,000 max. volts
	Up to 1,000 cycles per second . 5,000 max. volts
Peak Plate Current	1.0 max. ampere
Average Plate Current	0.25 max. ampere
Tube Voltage Drop (approx.)	15 volts

SENSATIONAL PERFORMANCE

...at a New Low Price!

- **LONGER LIFE**—Assured by radically improved new filament, dome bulb and insulated plate cap.
- **HIGH RATING**—10,000 volts, peak inverse voltage. 1000 ma., peak plate current.
- **ENORMOUS EMISSION RESERVE**—Provides ability to withstand high peak loads.



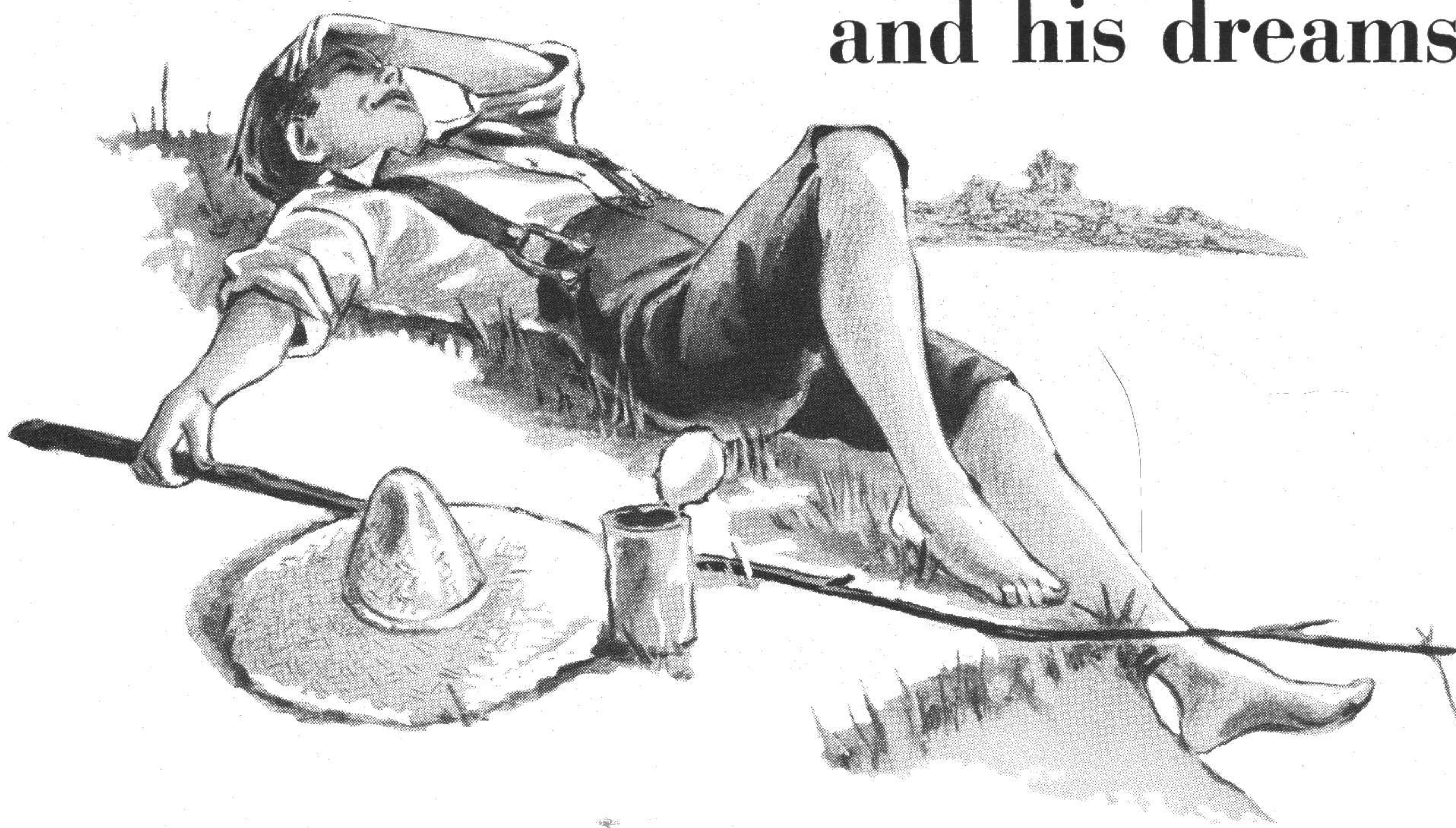
Transmitting Tubes

PROVED IN COMMUNICATION'S MOST EXACTING SERVICES

RCA MANUFACTURING CO., INC., CAMDEN, N. J. • A Service of The Radio Corporation of America

In Canada: RCA VICTOR COMPANY LIMITED, MONTREAL

To the man who remembers a boy and his dreams...



REMEMBER the lad who liked to sit on the bank of a stream with a fishing pole... and just dream? There was a certain wonderful motor car he always dreamed about, and a magnificent house, and one special dog. These he promised himself when he grew up.

What if those dreams didn't all come true? The boy clung to his ideals, and that, really, is the important thing. For he knows that while the world may be full of shabby imitations, *there is always a best of everything*, and that the true worth of any product lies hidden... deep down inside.

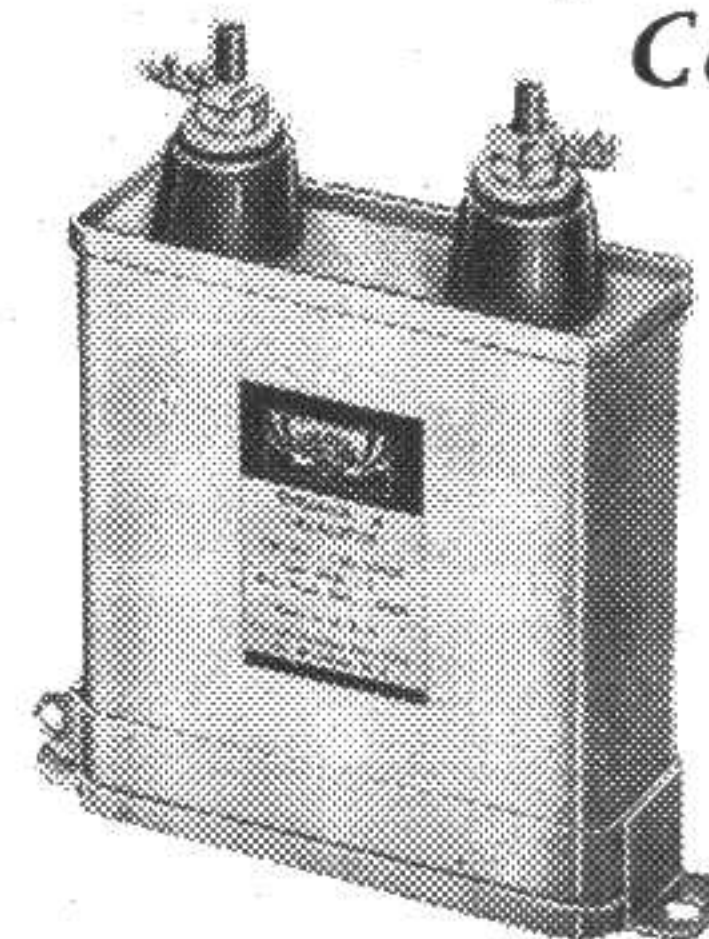
This is the man for whom Cornell-Dubilier capacitors were designed. He knows what we mean by the "hidden extras" in C-Ds. He knows there is finer performance... longer life... surviving soundness — *extra value* in these capacitors because thirty years of Cornell-Dubilier capacitor specialization put it there. More for the money! That's the reason there are more C-Ds in use today than any other make. There are a lot of boys who dream.

* * *

TO HELP YOU select the capacitor type best suited to your needs, let us send you a copy of Cornell-Dubilier Capacitor Catalog No. 185A. Write for it today.

EXTRA VALUE—AT NO EXTRA COST!

Types TJU and TQ Transmitting Capacitors for Amateur Communication



STANDARD EQUIPMENT

with tens of thousands of "hams"—Cornell-Dubilier Dykanol Transmitting Capacitors Type TJU. C-D Dykanol Capacitors are used in practically every broadcast and government station in the world. Also employed in all types of television receivers and x-mitters. It pays to specify the best—and the best costs no more!

DESIGNED FOR FILTER CIRCUITS

in amateur, low-power broadcast and commercial transmitters. Type TQ Cornell-Dubilier Dykanol Capacitors give *extra long life* *dependable operation* *extra-value*



CORNELL-DUBILIER ELECTRIC CORPORATION

1003 HAMILTON BOULEVARD • SOUTH PLAINFIELD, N. J.

Tell 'Em You Saw It in the Radio Amateur Call Book Magazine

RADIO AMATEUR CALL BOOK

MAGAZINE

Radio Amateur Call Book is the only publication listing all licensed radio amateurs throughout the entire world. This is the official call-book for the Radio Society of Great Britain and radio amateur organizations everywhere.

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VOLUME 22 NUMBER 1

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RADIO AMATEUR CALL BOOK
(INCORPORATED)

608 South Dearborn Street
CHICAGO, ILLINOIS, U.S.A.
Phone: Wabash 1903

New York, N. Y.
Bryan Davis Publishing Co.
19 East 47th Street
Phone: Plaza 3-0483

Cleveland, Ohio
J. C. Munn
10515 Wilbur Avenue

Long Beach, California
Don C. Wallace
4214 Country Club Drive

Founder and Publisher
CHARLES O. STIMPSON
W9TRD

RADIO AMATEUR CALL BOOK is published quarterly: March, June, September and December. Annual subscription, \$4.00 in the United States and possessions; Canada and foreign countries, \$4.35. Single copies, \$1.25; Canada and foreign countries, \$1.35. Entered as second class matter June 7, 1928, at the post office at Chicago, Illinois, under the act of March 3, 1879.

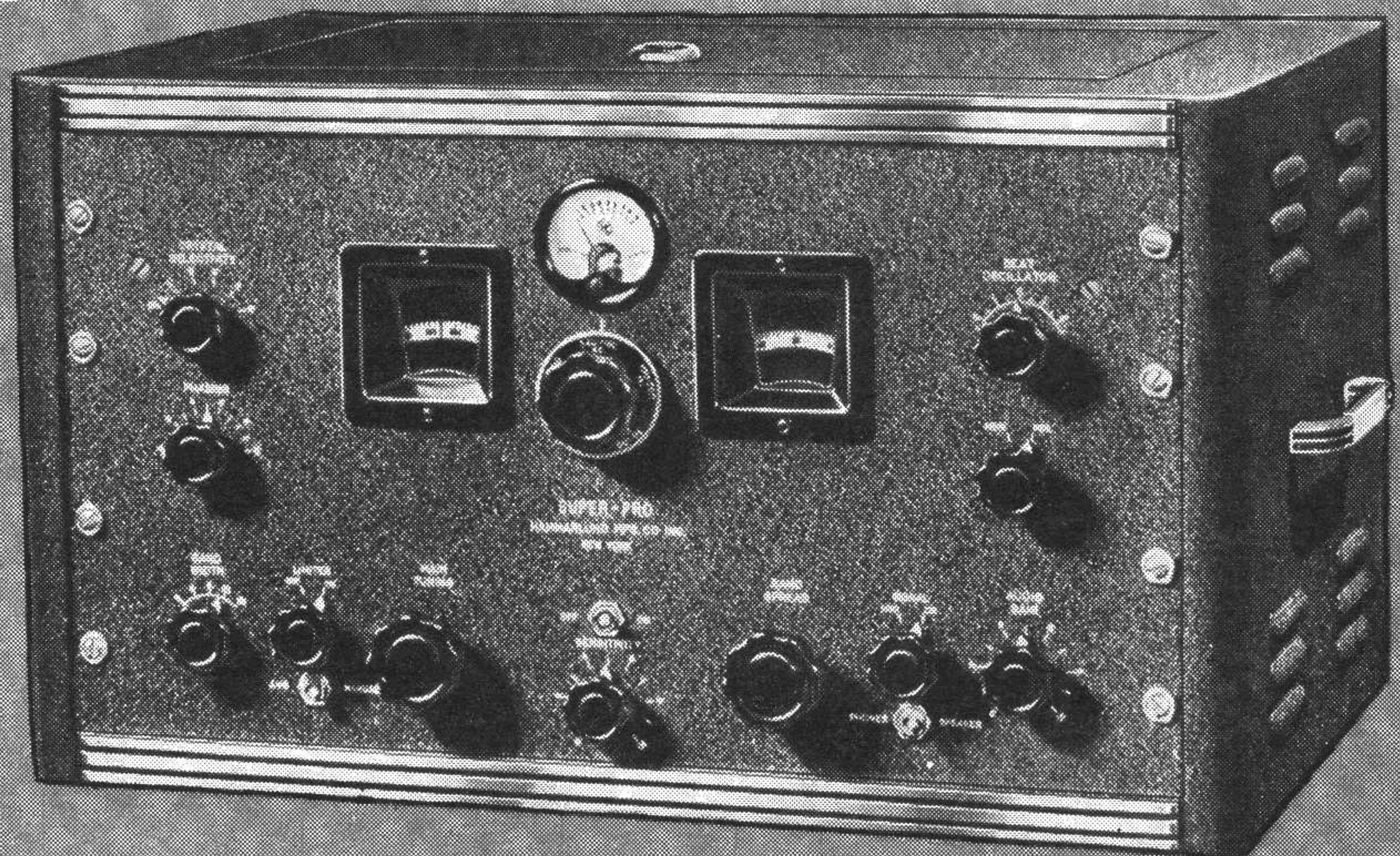
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Compiled from the records of the Federal Communications Commission.	
FIRST DISTRICT	9
Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut.	
SECOND DISTRICT	27
Includes the counties of metropolitan New York City and Long Island. The following counties in the State of New York: Albany, Columbia, Dutchess, Greene, Orange, Putnam, Rensselaer, Rockland, Schenectady, Ulster and Westchester, New Jersey counties of Bergen, Essex, Hudson, Middlesex, Monmouth, Ocean, Passaic and Union.	
THIRD DISTRICT	49
Includes the States of Delaware, Maryland, Virginia and the District of Columbia. New Jersey counties of Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Hunterdon, Mercer, Morris, Salem, Somerset, Sussex and Warren. The Pennsylvania counties of Adams, Berks, Bucks, Carbon, Chester, Cumberland, Delaware, Lancaster, Lehigh, Monroe, Montgomery, Northampton, Philadelphia, Schuylkill and York.	
FOURTH DISTRICT	63
Includes the States of Alabama, North Carolina, South Carolina, Georgia, Florida and Tennessee. The prefix K4 is assigned to Puerto Rico and the Virgin Islands.	
FIFTH DISTRICT	75
Includes the States of Mississippi, Louisiana, Texas, Oklahoma, New Mexico and Arkansas.	
SIXTH DISTRICT	89
Includes the States of California, Nevada, Utah and Arizona. The prefix K6 is assigned to Guam, Hawaii, Midway Island and Samoa.	
SEVENTH DISTRICT	120
Includes the States of Washington, Oregon, Idaho, Montana and Wyoming. The prefix K7 is assigned to Alaska.	
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Includes all of the counties in New York not in the second district and counties in Pennsylvania not in the third district. The lower peninsula of Michigan and the States of Ohio and West Virginia.	
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Showing the area comprising each call and inspection district.	

BUILT TO SERVE BETTER

AND

LONGER



The

SUPER PRO "Series 200"

THE high standards to which the "Super-Pro" is manufactured, assures the user of the best possible service over a long period of time. That is why "Super-Pro" receivers are used in practically every department of our national government; by a host of foreign governments and by many important commercials and expeditions.

Early models of the "Super-Pro" have been in continuous service for nearly five years with remarkable satisfaction. As an example of its

sound engineering, we find not a single record of band switch failure and that is an extremely important and much used part of any receiver. Slight changes and refinements have been made from time to time with a result that the "Super-Pro" is, and always has been, one of the finest pieces of communications equipment available. The many hours given to the inspection, testing, and adjustment of each "Super-Pro" by skilled craftsmen are not without results—the record speaks for itself.

Write Department CBS for "Super-Pro" Booklet



HAMMARLUND MFG. CO., INC.
424-438 WEST 33rd ST., NEW YORK



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Tell 'Em You Saw It in the Radio Amateur Call Book Magazine

INTERNATIONAL PREFIXES

The following are considered separate countries. Characters in () designate the continent and zone in which the country is located. Example 1: U5 is considered a separate country, it is on the continent of Europe in the sixteenth zone. Example 2: KF6 is on the continent of Oceania in the thirty-first zone and any ONE Island will constitute the group and be considered a separate country.

NA—North America SA—South America E—Europe	A—Asia AF—Africa O—Oceania				
AC4 (A-23)	TIBET	K4, KB4 (NA-8)	VIRGIN IS.	VP6 (NA-8)	BARBADOS
AR (A-20)	SYRIA	KC4	ANTARCTICA	VP7 (NA-8)	BAHAMA IS.
CE (SA-12)	CHILE	K5, NY (NA-7)	CANAL ZONE	VP8 (SA-13)	FALKLAND IS.
CM-CO (NA-8)	CUBA	K6 (O-31)	HAWAIIAN IS.	VP8 (SA-13)	SOUTH GEORGIA
CN8 (AF-33)	MOROCCO (French)	KB6 (O-27)	GUAM	VP8 (SA-13)	SOUTH ORKNEY IS.
CP (SA-10)	BOLIVIA	KC6 (O-31)	WAKE I.	VP8 (SA-13)	SOUTH SHETLAND IS.
CR4 (AF-35)	CAPE VERDE IS.	KD6 (O-31)	MIDWAY I.	VP9 (NA-5)	BERMUDA IS.
CR5 (AF-35)	PORTUGUESE GUINEA	KE6 (O-31)	JOHNSTON I.	VQ1 (AF-37)	ZANZIBAR
CR6 (AF-36)	ANGOLA	KF6 (O-31)	BAKER, HOWLAND, ENDER- BURY, CANTON	VQ2 (AF-37)	NORTHERN RHODESIA
CR7 (AF-37)	MOZAMBIQUE	KG6 (O-30)	JARVIS I.	VQ3 (AF-37)	TANGANYIKA
CR8 (A-22)	PORTUGUESE INDIA	KH6 (O-32)	SAMOA (U.S.)	VQ4 (AF-37)	KENYA
CR9 (A-24)	MACAU	K7 (NA-1)	ALASKA	VQ5 (AF-37)	UGANDA
CR10 (O-28)	TIMOR I.	LA (E-14)	NORWAY	VQ6 (AF-37)	BRITISH SOMALILAND
CT1 (E-14)	PORTUGAL	LU (SA-13)	ARGENTINA	VQ8 (AF-39)	CHAGOS IS.
CT2 (E-14)	AZORES IS.	LX (E-14)	LUXEMBOURG	VQ8 (AF-39)	MAURITIUS
CT3 (AF-33)	MADEIRA IS.	LY (E-15)	LITHUANIA	VQ9 (AF-39)	SEYCHELLES
CX (SA-13)	URUGUAY	LZ (E-20)	BULGARIA	VR1 (O-31)	GILBERT & ELLICE IS. & OCEAN I.
D (E-14)	GERMANY	MX (A-24)	MANCHUKUO	VR2 (O-32)	FIJI IS.
EA (E-14)	SPAIN	NY2 (see Canal Zone, not a separate country)		VR3 (O-31)	FANNING IS.
EA6 (E-14)	BALEARIC IS.	NY4 (see Cuba, not a separate country)		VR4 (O-31)	SOLOMON IS.
EA8 (AF-33)	CANARY IS.	OA (SA-10)	PERU	VR5 (O-32)	TONGA (Friendly) IS.
EA9 (AF-33)	MOROCCO (Spanish)	OH (E-15)	FINLAND	VR6 (O-32)	PITCAIRN I.
EI (E-14)	IRELAND	ON (E-14)	BELGIUM	VS1 (A-28)	STRAITS SETTLEMENTS
EL1 (AF-33)	TANGIER ZONE	OO5 (AF-36)	BELGIAN CONGO	VS2 (A-28)	FED. MALAY STATES
EL (AF-35)	LIBERIA	OX (NA-40)	GREENLAND	VS3 (A-28)	NON-FED. MALAY STATES
EP (A-21)	IRAN (exPersia)	OY (E-14)	FAEROES IS.	VS4 (O-28)	BRITISH NORTH BORNEO
ES (E-15)	ESTONIA	OY (E-40)	JAN MAYEN I.	VS5 (O-28)	SARAWAK
F (E-14)	FRANCE	OZ (E-14)	DENMARK	VS6 (A-24)	HONG KONG
FA (AF-33)	ALGERIA	PA (E-14)	NETHERLANDS	VS7 (A-22)	CEYLON
FB8 (AF-39)	MADAGASCAR	PJ (SA-9)	CURACAO	VU (A-22)	MALDIVE IS.
FD8 (AF-35)	TOGOLAND (French)	PK1, 2, 3 (O-28)	JAVA	VU7 (A-21)	INDIA
FE8 (AF-36)	CAMEROONS (French)	PK4 (O-28)	SUMATRA	W (NA-3-4-5)	BAHRAIN IS.
FF8 (AF-35)	FR. WEST AFRICA	PK5 (O-28)	BORNEO (Neth. Indies)	XE (NA-6)	UNITED STATES
FG8 (NA-8)	GUADELOUPE	PK6 (O-28)	CELEBES & MOLUCCA IS.	XU (A-23-24)	MEXICO
FI8 (A-26)	FR. INDO-CHINA	PK6 (O-28)	NEW GUINEA (Neth. Indies)	XZ (A-26)	CHINA
FK8 (O-32)	NEW CALEDONIA	PX (E-14)	ANDORRA	YA (A-21)	BURMA
FL8 (AF-37)	FRENCH SOMALILAND	PY (SA-11)	BRAZIL	YI (A-21)	AFGHANISTAN
FM8 (NA-8)	MARTINIQUE	PZ (SA-9)	SURINAM	YJ (see FU8, not a separate country)	IRAQ
FN (A-22)	FRENCH INDIA	SM (E-14)	SWEDEN	YL (E-15)	LATVIA
FO8 (O-32)	TAHITI	SP (E-15)	POLAND	YM (E-15)	DANZIG
FP8 (NA-5)	MIQUELON & ST. PIERRE IS.	ST (AF-34)	SUDAN	YN (NA-7)	NICARAGUA
FR8 (AF-36)	FR. EQUATORIAL AFRICA	SU (AF-34)	EGYPT	YR (E-20)	ROUMANIA
FT4 (AF-33)	TUNIS	SV (E-20)	CRETE	YS (NA-7)	SALVADOR
FU8, YJ (O-32)	NEW HEBRIDES	SV (E-20)	GREECE	YT-YU (E-15)	YUGOSLAVIA
FY8 (SA-9)	FRENCH GUIANA	TA (E & A-20)	TURKEY	YV (SA-9)	VENEZUELA
G (E-14)	CHANNEL IS.	TF (E-40)	ICELAND	ZA (E-15)	ALBANIA
G (E-14)	ENGLAND	TG (NA-7)	GUATEMALA	ZB1 (E-15)	MALTA
G (E-14)	ISLE OF MAN	TI (NA-7)	COSTA RICA	ZB2 (E-14)	GIBRALTAR
GI (E-14)	NORTHERN IRELAND	U1-3-4-7 (E-16)	European R.S.S.R.	ZC1 (A-20)	TRANSJORDANIA
GM (E-14)	SCOTLAND	U2 (E-16)	White R.S.S.R.	ZC2 (O-28)	COCOS IS.
GW (E-14)	WALES	U5 (E-16)	Ukrainian S.S.R.	ZC3 (O-31)	CHRISTMAS IS.
HA (E-15)	HUNGARY	U6 (E-21)	Transcaucasian S.F.S.R.	ZC4 (E-20)	CYPRUS
HB (E-14)	SWITZERLAND	U8 (A-17)	Uzbek S.S.R.	ZC6 (A-20)	PALESTINE
HC (SA-10)	ECUADOR	U8 (A-17)	Turkoman S.S.R.	ZD1 (AF-35)	SIERRA LEONE
HH (NA-8)	HAITI	U9-0 (A-18-19)	Asiatic S.F.S.R.	ZD2 (AF-35)	NIGERIA
HI (NA-8)	DOMINICAN REP.	VE (NA-1 to 5)	CANADA	ZD3 (AF-35)	GAMBIA
HK (SA-9)	COLOMBIAN REP.	VK (O-29-30)	AUSTRALIA	ZD4 (AF-35)	GOLD COAST & TOGOLAND (British)
HP (NA-7)	PANAMA	VK4 (O-28)	PAPUA TERRITORY	ZD6 (AF-37)	NYASALAND
HR (NA-7)	HONDURAS	VK7 (O-30)	TASMANIA	ZD7 (AF-36)	SAINT HELENA
HS (A-26)	THAILAND	VK9 (O-28)	NEW GUINEA (Ter. of)	ZD8 (AF-36)	ASCENSION I.
HZ (A-21)	HEDJAZ	VO (NA-5)	LABRADOR (NA-2)	ZD9 (AF-38)	TRISTAN DA CUNHA
I (E-15)	ITALY	VP1 (NA-7)	BRITISH HONDURAS	ZE (AF-38)	SOUTHERN RHODESIA
I7 (AF-37)	ETHIOPIA	VP2 (NA-8)	LEEWARD IS.	ZK1 (O-32)	COOK IS.
J (A-25)	JAPAN	VP2 (NA-8)	WINDWARD IS.	ZK2 (O-32)	NIUE
J8 (A-25)	CHOSEN (Korea)	VP3 (SA-9)	BRITISH GUIANA	ZL (O-32)	NEW ZEALAND
J8P (A-24)	KWANTUNG	VP4 (SA-9)	TRINIDAD & TOBAGO IS.	ZM (O-32)	SAMOA (Western)
J9C (A-24)	TAIWAN (Formosa)	VP5 (NA-8)	CAYMAN IS.	ZP (SA-11)	PARAGUAY
J9P (O-31)	MARSHALL IS.	VP5 (NA-8)	JAMAICA	ZS (AF-38)	SOUTH AFRICA (Union of)
KA (O-27)	PHILIPPINE IS.	VP5 (NA-8)	TURKS & CAICOS IS.	ZS3 (AF-38)	SOUTHWEST AFRICA
K4 (NA-8)	PORTO RICO				

R-S-T Reporting System

(Originated by W2BSR)

Readability

- 1—UNREADABLE.
- 2—BARELY READABLE—OCCASIONAL WORDS DISTINGUISHABLE.
- 3—READABLE WITH CONSIDERABLE DIFFICULTY.
- 4—READABLE WITH PRACTICALLY NO DIFFICULTY.
- 5—PERFECTLY READABLE.

Signal Strength

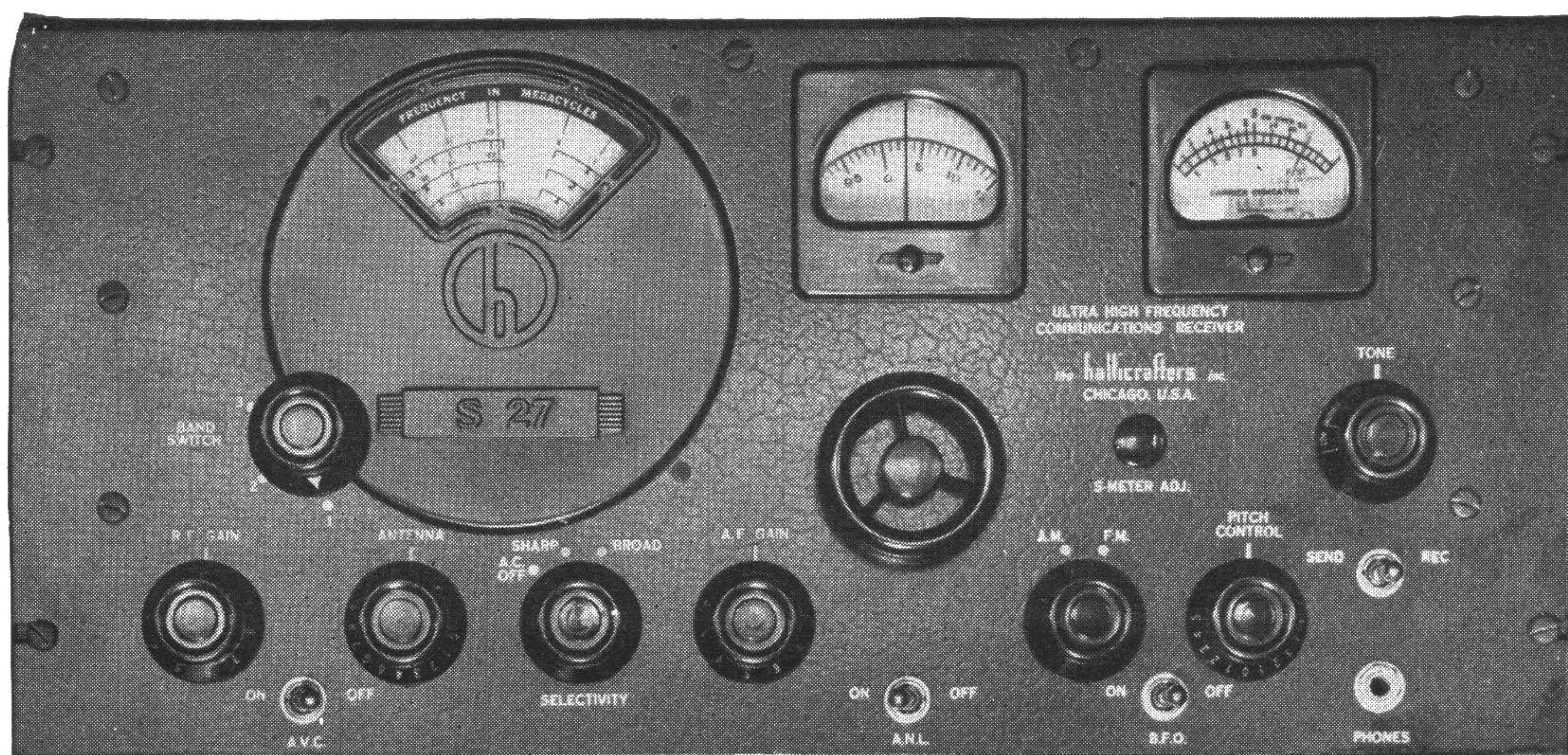
- 1—FAINT—SIGNALS BARELY PERCEPTIBLE.
- 2—VERY WEAK SIGNALS.
- 3—WEAK SIGNALS.
- 4—FAIR SIGNALS.
- 5—FAIRLY GOOD SIGNALS.

- 6—GOOD SIGNALS.
- 7—MODERATELY STRONG SIGNALS.
- 8—STRONG SIGNALS.
- 9—EXTREMELY STRONG SIGNALS

tone

- 1—EXTREMELY ROUGH, HISSING NOTE.
- 2—VERY ROUGH A.C. NOTE—NO TRACE OF MUSICALITY.
- 3—ROUGH, LOW-PITCHED A.C. NOTE—SLIGHTLY MUSICAL.
- 4—RATHER ROUGH A.C. NOTE—MODERATELY MUSICAL.
- 5—MUSICALLY MODULATED NOTE.
- 6—MODULATED NOTE—SLIGHT TRACE OF WHISTLE.
- 7—NEAR D.C. NOTE—SMOOTH RIPPLE.
- 8—GOOD D.C. NOTE—JUST TRACE OF RIPPLE.
- 9—PUREST D.C. NOTE.

IF THE NOTE APPEARS TO BE CRYSTAL CONTROLLED, SIMPLY ADD AN X AFTER THE APPROPRIATE NUMBER.



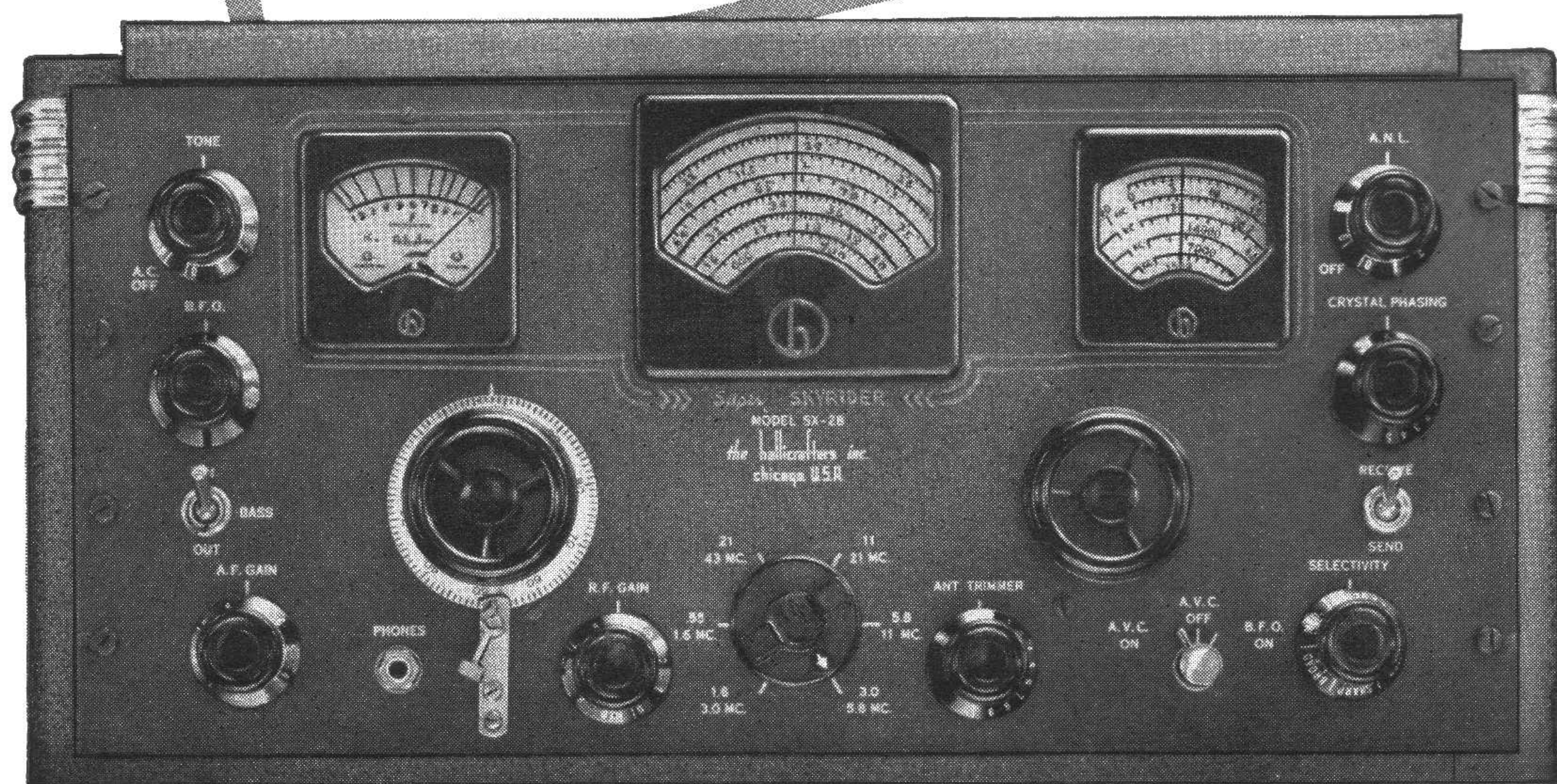
Super Efficiency!

IN TWO NEW HALLICRAFTER RECEIVERS

BOTH designed to government specifications. Model S-27 (above) is the first general coverage UHF receiver providing reception of both Amplitude and Frequency modulated signals. (27 to 145 Megacycle coverage). Q The new Model SX-28 (below) is a 15 Tube general purpose communication receiver incorporating the latest technical advances. Each sells for less than two hundred dollars.

the hallicrafters inc.
CHICAGO, U. S. A.

*Used by 33 Governments
Sold in 89 Countries*



Tell 'Em You Saw It in the Radio Amateur Call Book Magazine

PREFIXES—BY COUNTRIES

The following countries are listed in the same alphabetical order as they appear in the foreign section. When a country is followed by (see under) it is listed under the country referred to. Example: GM, Scotland is listed under Great Britain in the foreign section. Figures in () show the amount of postage required when mailing from the United States and Possessions. The first figure is for letters (first ounce or fraction) and the second for postal cards (QSLs).

AFGHANISTAN	(5, 3)	YA	GAMBIA	(5, 3)	ZD3	PALESTINE	(5, 3)	ZC6
ALASKA	(3, 1)	K7	GERMANY	(5, 3)	D	PANAMA	(3, 2)	HP
ALBANIA	(5, 3)	ZA	GIBRALTAR	(5, 3)	ZB2	PAPUA TERRITORY	(see under Australia)	
ALGERIA	(5, 3)	FA	GILBERT & ELLICE IS.	(5, 3)	VR1	PARAGUAY	(3, 2)	ZP
ANDORRA	(5, 3)	PX	GOA	(see Portuguese India)		PERSIA	(see Iran)	
ANGOLA	(5, 3)	CR6	GOLD COAST	(5, 3)	ZD4	PERU	(3, 2)	OA
ANTARCTICA		KC4	GREAT BRITAIN	(5, 3)	G	PHILIPPINE IS.	(3, 1)	KA
ANTIGUA	(5, 3)	VP2	GREECE	(5, 3)	SV	PHOENIX IS. (U. S.)		
ARGENTINA	(3, 2)	LU	GREENLAND	(5, 3)	OX	(Alphabetically listed by Islands)		
ASCENSION I.	(5, 3)	ZD8	GRENADA	(5, 3)	VP2	PITCAIRN I.	(5, 3)	VR6
AUSTRALIA	(5, 3)	VK	GUADELOUPE	(5, 3)	FG8	POLAND	(5, 3)	SP
AZORES IS.	(5, 3)	CT2	GUAM	(3, 1)	KB6	PORTO RICO	(3, 1)	K4
BAHAMA IS.	(5, 3)	VP7	GUATEMALA	(3, 2)	TG	PORTUGAL	(5, 3)	CT1
BAHREIN IS.	(5, 3)	VU7	GUIANA (Netherlands)	(see under Surinam)		PORTUGUESE GUINEA	(5, 3)	CR5
BAKER I.	(3, 1)	KF6	HAITI	(3, 2)	HH	PORTUGUESE INDIA	(5, 3)	CR8
BALEARIC IS.	(see under Spain)		HAWAIIAN IS.	(3, 1)	K6	REUNION IS.	(5, 3)	FR8
BARBADOS	(5, 3)	VP6	HEDJAZ	(5, 3)	HZ	ROUMANIA	(5, 3)	YR
BELGIAN CONGO	(5, 3)	OQ5	HONDURAS	(3, 2)	HR	SAINT HELENA	(5, 3)	ZD7
BELGIUM	(5, 3)	ON	HONG KONG	(5, 3)	VS6	SAINT KITTS	(5, 3)	VP2
BERMUDA IS.	(5, 3)	VP9	HOWLAND I.	(3, 1)	KF6	SAINT LUCIA	(5, 3)	VP2
BOLIVIA	(3, 2)	CP	HUNGARY	(5, 3)	HA	SAINT VINCENT	(5, 3)	VP2
BORNEO (Br. North)	(5, 3)	VS4	ICELAND	(5, 3)	TF	SALVADOR	(3, 2)	YS
BORNEO (Neth. Indies)	(see under Neth. Indies)		INDIA	(5, 3)	VU	SAMOA (U. S.)	(3, 1)	KH6
BRAZIL	(3, 2)	PY	IRAN (ex-Persia)	(5, 3)	EP	SAMOA (Western)	(5, 3)	ZM6
BRITISH GUIANA	(5, 3)	VP3	IRAQ	(5, 3)	YI	SARAWAK	(5, 3)	VS5
BRITISH HONDURAS	(5, 3)	VP1	IRELAND	(5, 3)	EI	SCOTLAND	(see under Great Britain)	
BR. SOLOMON IS.	(5, 3)	VR4	ISLE OF MAN	(see under Great Britain)		SEYCHELLES	(5, 3)	VO9
BULGARIA	(5, 3)	LZ	ITALY	(5, 3)	I	SIBERIA	(see U. S. S. R.)	
BURMA	(5, 3)	XZ	JAMAICA	(5, 3)	VP5	SIERRA LEONE	(5, 3)	ZD1
CAMEROONS (British)	(see under Nigeria)		JAN MAYEN I.	(5, 3)	OY	SOMALILAND (British)	(5, 3)	VO6
CAMEROONS (French)	(5, 3)	FE8	JAPAN	(5, 3)	J	SOMALILAND (French)	(5, 3)	FL8
CANADA	(3, 2)	VE	JARVIS I. (Palmyra group)	(3, 1)	KG6	SOUTH AFRICA	(5, 3)	ZS
CANAL ZONE	(3, 1)	K5, NY	JAVA	(see under Neth. Indies)		SOUTH GEORGIA	(5, 3)	VP8
CANARY IS.	(see under Spain)		JOHNSTON I.	(3, 1)	KE6	SOUTH ORKNEY IS.	(5, 3)	VP8
CANTON I.	(3, 1)	KF6	KENYA	(5, 3)	VQ4	SOUTH SHETLAND IS.	(5, 3)	VP8
CAPE VERDE IS.	(5, 3)	CR4	KWANTUNG	(see under Japan)		SOUTHERN RHODESIA	(5, 3)	ZE
CAYMAN IS.	(5, 3)	VP5	LABRADOR	(see under Newfoundland)		SOUTHWEST AFRICA	(see under South Africa)	
CELEBES IS.	(see under Neth. Indies)		LATVIA	(5, 3)	YL	SPAIN	(3, 2)	EA
CEYLON	(5, 3)	VS7	LEEWARD IS.	(Alphabetically listed by Islands)		STRAITS SETTTS	(see under Malaya)	
CHAGOS IS.	(see under Mauritius)		LIBERIA	(5, 3)	EL	SUDAN	(5, 3)	ST
CHANNEL IS.	(see under Great Britain)		LITHUANIA	(5, 3)	LY	SUMATRA	(see under Neth. Indies)	
CHILE	(3, 2)	CE	LUXEMBOURG	(5, 3)	LX	SURINAM	(5, 3)	PZ
CHINA	(5, 3)	XU	MACAU	(5, 3)	CR9	SWEDEN	(5, 3)	SM
CHOSEN (Korea)	(see under Japan)		MADAGASCAR	(5, 3)	FB8	SWITZERLAND	(5, 3)	HB
CHRISTMAS I.	(5, 3)	ZC3	MADEIRA IS.	(5, 3)	CT3	SYRIA	(5, 3)	AR
COCOS IS.	(5, 3)	ZC2	MALAYA	(5, 3)	VS	TAHITI	(5, 3)	FO8
COLOMBIAN REP.	(3, 2)	HK	MALDIVE IS.	(5, 3)	VS9	TAIWAN (Formosa)	(see under Japan)	
COOK IS.	(5, 3)	ZK1	MALTA	(5, 3)	ZB1	TANGANYIKA	(5, 3)	VQ3
COSTA RICA	(3, 2)	TI	MANCHUKUO	(5, 3)	MX	TANGIER ZONE	(5, 3)	EK1
CRETE	(see under Greece)		MARSHALL IS.	(see under Japan)		TASMANIA	(see under Australia)	
CUBA	(3, 2) CM, CO, NY4		MARTINIQUE	(5, 3)	FM8	THAILAND	(5, 3)	HS
CURACAO	(5, 3)	PJ	MAURITIUS	(5, 3)	VQ8	TIBET	(5, 3)	AC4
CYPRUS	(5, 3)	ZC4	MEXICO	(3, 2)	XE	TIMOR (Portuguese)	(5, 3)	CR10
DANZIG	(5, 3)	YM	MIDWAY I.	(3, 1)	KD6	TOBAGO	(5, 3)	VP4
DENMARK	(5, 3)	OZ	MIQUELON & ST. PIERRE IS.	(5, 3)	FP8	TOGOLAND (British)	(5, 3)	ZD4
DOMINICA	(3, 2)	VP2	MOLUCCA IS.	(see under Neth. Indies)		TOGOLAND (French)	(5, 3)	FD8
DOMINICAN REP.	(3, 2)	HI	MOROCCO (French)	(5, 3)	CN8	TONGA (Friendly) IS.	(5, 3)	VR5
DUTCH EAST INDIES	(see Neth. Indies)		MOROCCO (Spanish)	(see under Spain)		TRANSJORDANIA	(5, 3)	ZC1
ECUADOR	(3, 2)	HC	MOZAMBIQUE	(5, 3)	CR7	TRINIDAD	(5, 3)	VP4
EGYPT	(5, 3)	SU	NETHERLANDS	(5, 3)	PA, PI	TRISTAN DA CUNHA	(5, 3)	ZD9
ELLICE IS.	(see under Gilbert & Ellice Is.)		NETHERLAND INDIES	(5, 3)	PK	TUNIS	(5, 3)	FT4
ENDERBURY I.	(3, 1)	KF6	NETH. WEST INDIES	(see under Curacao)		TURKEY	(5, 3)	TA
ENGLAND	(see under Great Britain)		NEW CALEDONIA	(5, 3)	FK8	TURKS & CAICOS IS.	(5, 3)	VP5
ESTONIA	(5, 3)	ES	NEWFOUNDLAND	(3, 2)	VO	UGANDA	(5, 3)	VQ5
ETHIOPIA	(5, 3)	I7	NEW GUINEA (Neth. Indies)	(see under Neth. Indies)		UNITED STATES	(3, 1)	W
FAEROES IS.	(5, 3)	OY	NEW GUINEA (Ter. of)	(see under Australia)		U. S. NAVAL COMMUNICATION		
FALKLAND IS.	(5, 3)	VP8	NEW HEBRIDES	(5, 3)	FU8, YJ	RESERVE STATIONS	(3, 1)	N
FANNING I.	(5, 3)	VR3	NEW ZEALAND	(5, 3)	ZL	URUGUAY	(3, 2)	CX
FED. MALAY STATES	(see under Malaya)		NICARAGUA	(3, 2)	YN	U. S. S. R.	(5, 3)	U
FIJI IS.	(5, 3)	VR2	NIGERIA	(5, 3)	ZD2	VENEZUELA	(3, 2)	YV
FINLAND	(5, 3)	OH	NIUE	(5, 3)	ZK2	VIRGIN IS.	(3, 1)	K4, KB4
FRANCE	(5, 3)	F	NON-FED. MALAY STATES	(see under Malaya)		WAKE IS.	(3, 1)	KC6
FR. EQUATORIAL AFRICA	(5, 3)	FQ8	NORTHERN IRELAND	(see under Great Britain)		WALES	(see under Great Britain)	
FRENCH GUIANA	(5, 3)	FY8	NORTHERN RHODESIA	(5, 3)	VQ2	WINDWARD IS.	(Alphabetically listed by Islands)	
FRENCH INDIA	(5, 3)	FN	NORWAY	(5, 3)	LA	YUGOSLAVIA	(5, 3)	YT, YU
FR. INDO-CHINA	(5, 3)	FI8	NYASALAND	(5, 3)	ZD6	ZANZIBAR	(5, 3)	VQ1
FRENCH W. AFRICA	(5, 3)	FF8	OCEAN I.	(see Gilbert & Ellice Is.)				

NOTICE TO RADIO AMATEURS

We are often requested to change the first or middle name, or to include professional titles. For obvious reasons this can be done only when it becomes necessary to change the address.

Your attention is invited to our bold face listing service. For one dollar you can have your call listed in ten point Memphis bold type for a full year—(four issues). If your listing requires more than three lines add twenty-five cents for each additional line. (Mention of commercial affiliations can not be accepted).

In case you desire to have your nickname mentioned in your QRA we suggest that you subscribe for a bold face listing.

Please do not ask us to include the fact that you are a member of a military or naval radio organization as we have been requested to omit this.

Also our policy of mentioning ex-calls in the regular listings has been discontinued. If you want this included may we again suggest a bold face listing.

THE PUBLISHERS.



NC-200 RECEIVER

The brand new NC-200 Communication Receiver is a twelve tube superheterodyne having features not found in any other receiver regardless of price. Six of the ten calibrated ranges are of the general coverage type tuning from 490 to 30,000 KC. (Note that this covers the 500 KC marine frequencies!) Four additional ranges cover amateur bands only, each with extreme bandspread. There is a new, wider range crystal filter and an improved noise limiter. Temperature compensating condensers in the RF and first detector circuits as well as in the high frequency oscillator reduce temperature drift to a minimum. A special socket and plug provides for either AC or Battery operation.

The NC-200, complete with tubes, crystal filter and speaker to match the receiver, costs only \$147.50 net. It's a lot of receiver for the money.

A descriptive booklet will be mailed on request

NATIONAL COMPANY, INC., MALDEN, MASS.

Tell 'Em You Saw It in the Radio Amateur Call Book Magazine

WORLD TIME CONVERSION CHART IN HOURS

Greenwich Meridian Time, London, Eng- land.	Central Europe, Ber- lin, Vienna, Stock- holm, Geneva.	Eastern Europe, Ath- ens, Cape Town, Cairo, Moscow.	Arabia, Armenia, Ethiopia, Madagas- car.	Mauritius, Persia, Reunion Island.	Central Russia, Bom- bay, India.	Calcutta, Novosi- birsk, Russia, Tibet.	French Indo China, Siam, Sumatra.	Philippine Islands, Perth, Australia.	Central Australia, Tokyo, Japan.	Eastern Australia, Melbourne, Sydney.	New Zealand.	International Date Line.	Fiji Islands.	Nome, Alaska, Samoa Islands.	Hawaiian Islands.	Eastern Alaska, Dawson, Juneau.	Pacific Standard Time, Los Angeles, Seattle.	Mountain Standard Time, Calgary, Denver, Phoenix.	Central Standard Time, Chicago, Costa Rica.	Eastern Standard Time, Montreal, New York, Peru.	Atlantic Standard Time, Argentina, Nova Scotia.	Greenland, Rio de Janeiro, Brazil.	Azores.	Iceland, Canary Islands.
0000	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM
0100	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night
0200	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM
0300	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM
0400	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM
0500	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM
0600	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM
0700	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM
0800	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM
0900	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM
1000	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM
1100	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	10AM
1200	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	11AM
1300	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	Noon
1400	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	1PM
1500	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	2PM
1600	5PM	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	3PM
1700	6PM	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	4PM
1800	7PM	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	5PM
1900	8PM	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	6PM
2000	9PM	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	7PM
2100	10PM	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	8PM
2200	11PM	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	9PM
2300	Mid Night	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM	Noon	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	10PM

With this chart you can convert standard time in any time zone to GMT or tell what time it is in other parts of the world. To correctly use this chart visualize each horizontal line as a complete circle. From your time zone tracing horizontally to the right (Counter Clockwise) it will be tomorrow when you pass midnight and yesterday when you pass the international date line. To the left (Clockwise) it will be yesterday when you pass midnight and tomorrow when you pass the international date line. There is no change in date when you pass both midnight and the international date line going in one direction. For instance at 8 PM in New York Eastern Standard Time it is 2 AM tomorrow in Berlin, Germany and 11 AM tomorrow in Sydney, Australia. Always trace in the shortest direction from your time zone to find what time it is in any other zone. Copyright 1938 Radio Amateur Call Book, Inc., Chicago, USA.